

I hereby certify that this document and any document referred to as being attached therein is being deposited with the U. S. Post Service on this date, 5-21-99, in an envelope as "Express Mail Post Office to Address" service under 37 CFR 1.10 Mailing Label No. EL 09834479 addressed to: Box Pat App, Assistant Commissioner for Patents, Washington, D.C. 20231

Carol Welch  
(Type or print name of person mailing paper)

Carol Welch  
(Signature of person mailing paper)

PATENT  
DKT. NO.: 99-26  
Decl., Page 1 of 3

### DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name;

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

#### REDUCING FISCHER-TROPSCH CATALYST ATTRITION LOSSES IN HIGH AGITATION REACTION SYSTEMS

the specification of which

(check one)

☒ [X] is attached hereto;

☐ was filed on \_\_\_\_\_ as  
Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

NONE

FILED "644860"

I hereby claim the benefit under Title 35, United States Code, § 120 and/or § 119(e) of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information that is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent, which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

<u>NONE</u> (Application Serial No.)	<u>                    </u> (Filing Date)	<u>                    </u> (Status)
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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Dennis D. Brown, Registration No. 33,559  
R. Alan Weeks, Registration No. 36,050  
Terry L. Watt, Registration No. 42,214  
Scott R. Zingerman, Registration No. 35,420

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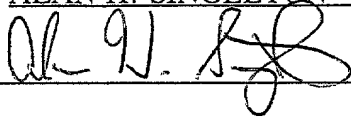
DIRECT PHONE CALLS TO:

DENNIS D. BROWN  
(918) 599-0621

09449-040-0000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Full Name of Inventor: ALAN H. SINGLETON

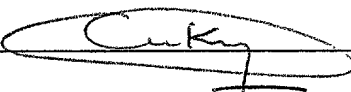
Inventor's Signature:  5/7/99  
(Date)

Country of Citizenship: UNITED STATES

Residence: 1265 WOODLAND ROAD, BADEN, PENNSYLVANIA 15005

Post Office Address: SAME

Full Name of Inventor: RACHID OUKACI

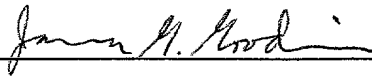
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(Date)

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Full Name of Inventor: JAMES G. GOODWIN

Inventor's Signature:  5/7/99  
(Date)

Country of Citizenship: UNITED STATES

Residence: 219 LAGRANDE DRIVE, CRANBERRY TOWNSHIP, PENNSYLVANIA 16066

Post Office Address: SAME

100440-6444860

ASSIGNMENT

WHEREAS, I, ALAN H. SINGLETON, I, RACHID OUKACI and I, JAMES G. GOODWIN, have invented "REDUCING FISCHER-TROPSCH CATALYST ATTRITION LOSSES IN HIGH AGITATION REACTION SYSTEMS," which is described and claimed in the United States patent application filed contemporaneously herewith (referred to hereafter as "APPLICATION"); and

WHEREAS, ENERGY INTERNATIONAL CORPORATION, a Pennsylvania corporation, having a place of business at 135 William Pitt Way, Pittsburgh, Pennsylvania 15238, is desirous of acquiring an interest therein;

NOW THEREFORE, I, ALAN H. SINGLETON, I, RACHID OUKACI and I, JAMES G. GOODWIN, for good and valuable consideration, the sufficiency of which is hereby acknowledged, by these presents do sell, assign, and transfer unto said ENERGY INTERNATIONAL CORPORATION, its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, as described in said APPLICATION; said invention, APPLICATION, and any and all Letters Patent issuing therefore to be held and enjoyed by said ENERGY INTERNATIONAL CORPORATION, for its own use and behalf, and for its legal representatives, successors, and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made.

AND I do further agree to sign all papers, make all rightful oaths, and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing, or reissue application or applications for a patent based on the present APPLICATION, as well as for any other U.S. or foreign application for patent which relates to said invention.

AND I do further agree to communicate to ENERGY INTERNATIONAL CORPORATION, its successors, assigns, or other legal representatives, such facts relating to the invention disclosed in the present APPLICATION or Letters Patent issuing therefrom as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed by the undersigned on the date indicated.

In the presence of:

Carla Lundem  
Witness

5/7/99  
Date

Alan H. Singleton  
Alan H. Singleton

Carla Lundem  
Witness

5/7/99  
Date

Rachid Oukaci  
Rachid Oukaci

Carla Lundem  
Witness

5/7/99  
Date

James G. Goodwin  
James G. Goodwin